

# MISSOURI



## 2023 RECYCLING REPORT



# FROM THE DIRECTOR



Greetings,

I am honored to present our annual report for fiscal year 2023.

In accordance with RSMo 34.031, the Office of Administration is submitting the annual report to summarize Missouri state government's accomplishments in the areas of recycling, waste reduction, and recycled-content product procurement.

State law directs state agencies to implement policies for recycling, waste reduction, and procurement of recycled content products. The Missouri State Recycling Program, administered by the Office of Administration, Division of General Services, is responsible for assisting state agencies in these areas. The State Recycling Program works cooperatively with the Missouri Interagency Recycling Committee (MIRC) to facilitate recycling and waste reduction by state team members.



As a result of the efforts of state team members and MIRC, we continue to develop the state's recycling collection infrastructure. State team members continue to reduce the amount of waste generated at state facilities and the related costs of waste disposal. Recycling and waste reduction highlights from FY23 include:

- **12,041,877** pounds of materials recycled.
- Energy saved from pounds of material recycled is equivalent to the annual energy consumption of **2,381** homes.
- **\$8,500,039** of recycled-content products purchased.
- **\$116,749** in revenue generated for the recycling fund.
- **\$617,979** in waste disposal costs avoided.\*

We appreciate the support of the Administration and the General Assembly in our recycling efforts.

Resourcefully,

A handwritten signature in black ink that reads "Crystal D. Wessing".

Crystal Wessing

\*Average landfill tipping fee for Missouri (\$125.47 / ton) as published by [www.erefndn.org](http://www.erefndn.org) used to calculate cost avoided

# ABOUT THE STATE RECYCLING PROGRAM



In 1989, the Missouri State Recycling Program (MSRP) was established when legislation added sections 34.031 and 34.032 to Chapter 34 of the Missouri Revised Statutes. The MSRP partners with state team members and agencies to facilitate fiscally and environmentally responsible strategies for reuse and recycling of state property.

## About the Program

- The MSRP is staffed by the recycling manager and supported by the Missouri Interagency Recycling Committee (MIRC), as well as a large number of team member volunteers.
- MIRC serves an important purpose by providing input and communicating with state team members. The recycling committee is composed of representatives from various state departments (executive, judicial, and legislative). The member list can be found on the [MSRP website](#).
- State team members are key to the success of the recycling program. Thanks to their efforts, thousands of pounds of material are recycled each day.



**LEFT:** Missouri State Recycling Manager Stephanie Woodruff talks with fifth graders at the Earth Day celebration in 2023. Woodruff facilitated the Zero Waste Challenge.

**BOTTOM LEFT:** Fifth graders from around the state gathered at the capitol in April, 2023 to commemorate Earth Day.

**LEFT:** Zero Waste Challenge volunteers educated fifth graders regarding food waste and what could be recycled and what could not be.



# RECYCLING CHAMPION

The Missouri State Recycling Program (MSRP) annually recognizes state agencies and team members for their outstanding contributions in the areas of waste reduction and recycling.

## 2023 Recycling Champion Award winner: Dixie Wilde (Department of Higher Education and Workforce Development)

Ms. Wilde is conscientious about reducing waste. She is the agency's go-to for recycling cardboard, paper, toner cartridges, office supplies and furniture. Recently, one of the departments found a massive collection of out-of-date literature. Dixie made sure it was recycled rather than placed in the dumpster. When facilities staff bring back surplus furniture and equipment from workforce job centers around the state, Dixie always makes sure that other agencies have a chance to claim the items via MO-REuse before it is disposed. She is also very good about checking MO-REuse when the agency needs something in order to save money and keep things from going to the landfill.



**LEFT: (L-R)** Missouri State Recycling Manager Stephanie Woodruff, Governor Michael Parson, and Dixie Wilde.

## Governor Parson proclaims November as Recycling Awareness Month

On November 30, Governor Parson proclaimed November as "Recycling Awareness Month". We want to thank Governor Parson for presenting this proclamation to Recycling Manager, Stephanie Woodruff in the Governor's Office. In FY23, state team members recycled over 12M pounds of material. The State has also purchased \$8.5M of recycled-content products and saved over \$600K in waste disposal costs.





# STATE AGENCY RECYCLING



## Pounds Recycled by Material

**METAL**  
3,819,655

**PAPER**  
3,381,739

**CARDBOARD**  
2,560,656

## Recycled Products Purchased

**METAL PRODUCTS**  
\$4,222,685

**PAPER PRODUCTS**  
\$3,172,217

**OFFICE SUPPLIES**  
\$525,409

## Pounds Recycled by Department

**TRANSPORTATION**  
6,196,522

**CORRECTIONS**  
1,472,570

**OFFICE OF ADMINISTRATION**  
1,014,762

## Financial Stats

**\$8,500,039:** Total spent by state agencies on products made from recycled materials.

**\$617,949:** Avoided cost of waste disposal due to recycling.

**\$228,016:** Avoided cost of office supplies and equipment exchanged through MO-REuse.

## Environmental Savings

(from Recycling 12,041,877 Pounds of Various Materials)

### Green House Gas Reductions Equivalent to ...

Annual emissions from **4,730**  
passenger vehicles

OR

**2,506,584** gallons of gasoline  
not used

OR

**928,167** cylinders of propane  
for home BBQs not used

### Energy Savings Equivalent to ...

Annual energy consumption of  
**2,391** homes

OR

**37,543** barrels of oil

OR

**1,810,899** gallons of gasoline\*

Environmental Savings were calculated using the Environmental Protection Agency's Waste Reduction Model (WARM). For additional information please see <https://www.epa.gov/warm>.

\*Energy savings from materials recycled is equivalent to 14% of annual state fuel consumption.

# AGENCY ACCOMPLISHMENTS



## Food Composter Finds Second Life

While the Missouri State Recycling Program is dedicated to recycling and reusing materials, it also utilizes equipment to help perform these duties. Early this year, Northwest Missouri State University purchased a composter that was once housed at a southern Missouri correction facility.

In 2004, a composter was installed at Ozark Correction Center to handle food waste. For 17 years, the machine functioned as intended. Department of Corrections discontinued using the composter, not because of machine failure, but a shortage of manpower to operate it.

Instead of leaving a perfectly good composter to sit, DOC decided to offer a chance for someone else to give it new life. By getting assistance from the staff at the Missouri State Agency for Surplus Property, the composter selling process was a breeze. The composter was purchased for \$8,000 by Northwest Missouri State University. After several months of preparation, the composter was taken to its new home, more than 300 miles away.



**LEFT:** This in-vessel composter was located at Ozark Correction Center until it was transported to north Missouri earlier this year to get a new lease on life.

## Holiday Light Collection Diverts 830 Pounds of Hazardous Waste

State team members collectively contributed 830 pounds of holiday lights to the 2022/2023 season collection. Since 2019, 3,474.57 pounds have been collected, which has kept harmful waste, such as mercury from invading the landfill.

Facilitated by the Department of Natural Resources and the Missouri State Recycling Program (MSRP), the collection allows for metals, plastic, and glass will be manufactured into other useful products. The collection was held in participating buildings during the months of December and January.



**ABOVE:** Lee Ann Blythe, Tammy Anderson, and Stephanie Woodruff recycle a strand of lights at the Missouri State Agency for Surplus Property.

# REDUCTION & REUSE



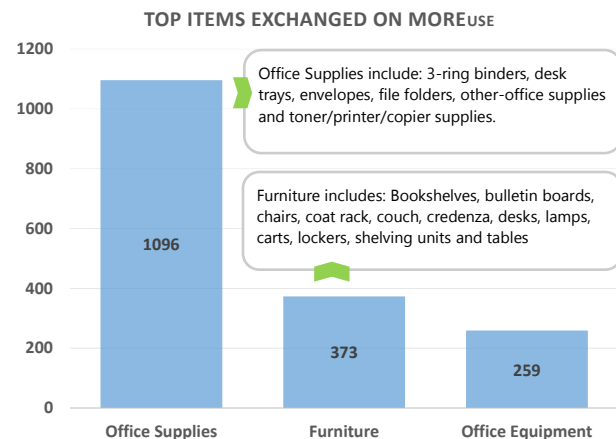
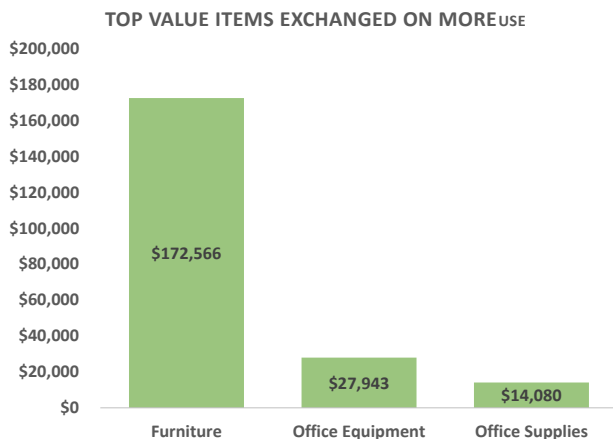
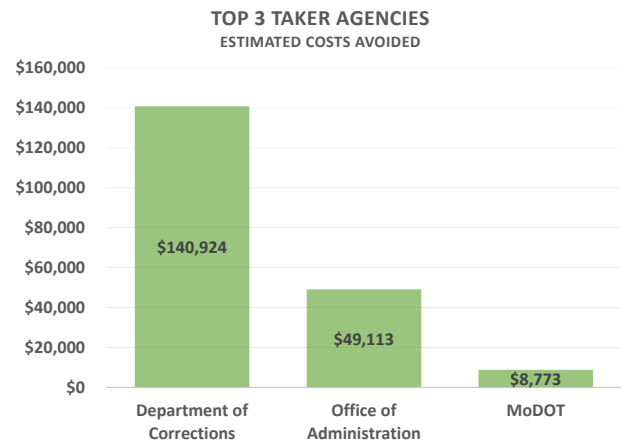
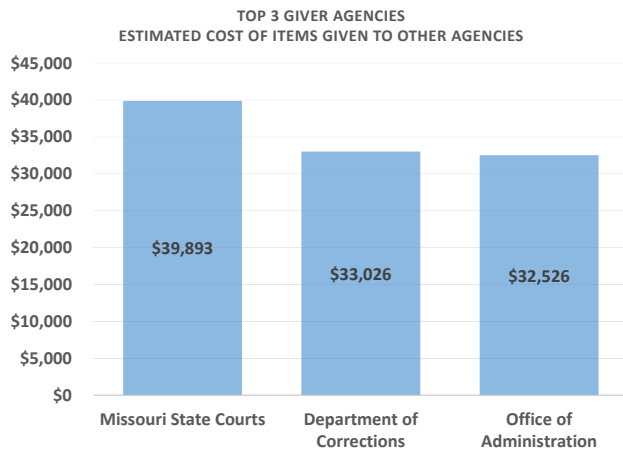
## Promoting a Culture of Reuse

MO-REuse is a web-based application that facilitates the reuse and recycling of state property.

More than 400 team members used MO-REuse in fiscal year 2023 (FY23) to advertise items available to other state agencies or to search for items their agency may need. Property exchanged (at no cost) includes anything from paper clips and three-ring binders to office chairs. State agencies avoided spending an estimated \$228,016 by acquiring property through the MO-REuse system instead of purchasing new property.

The MO-REuse community is made up of givers (agencies with unneeded property) and takers (agencies that need the property). Property posted or exchanged on MO-REuse is for state agency use only.

Data appearing in the charts below may also be viewed in Tableau. For example, data for all agencies that used MO-REuse may be viewed. [Click here](#) to have an interactive experience with the data.



\*Data displayed in the above chart not available in Tableau

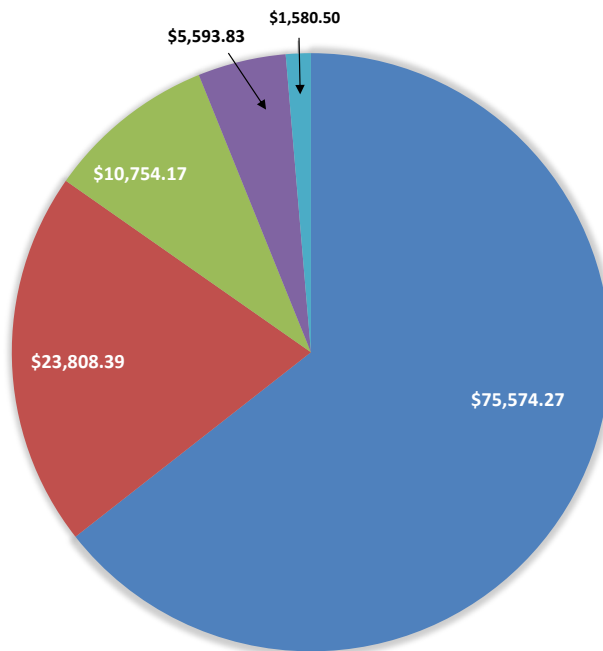
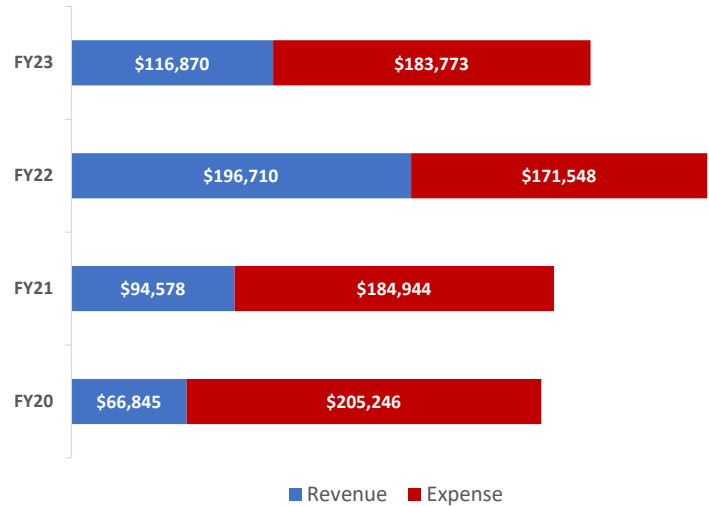
# STATE RECYCLING FUND



**Missouri's State Recycling Fund** was established by RSMo 34.032, which states, "proceeds from the sale of recycled materials may be used to offset costs of the recycling program." Additionally, all funds deposited into the state recycling fund are dedicated to recycling-related expenses for state government.

FY23 did see a noticeable decrease in deposits to the state recycling fund for a total of \$116,870. This was due to a declining cardboard market at the end of FY22 and into FY23. This caused a significant decrease in recycling proceeds from the Department of Corrections and the Office of Administration.

## FY23 Financial Summary



## FY23 Sources of Revenue

- Corrections = 65%
- Administration = 20%
- Revenue = 9%
- Public Safety = 5%
- Secretary of State = 1%

## Contributions to the Heating Assistance Program (Utilicare)

Excess revenues from the sale of recyclable materials are transferred to the Heating Assistance Program (Utilicare) managed by the Missouri Department of Social Services pursuant to RSMo 34.032. Utilicare provides financial assistance to low-income Missourians for heating their homes during winter months. As a result of state team member recycling efforts, a \$30,000 contribution was made in FY23 which will help approximately 150 Missouri households pay energy bills.



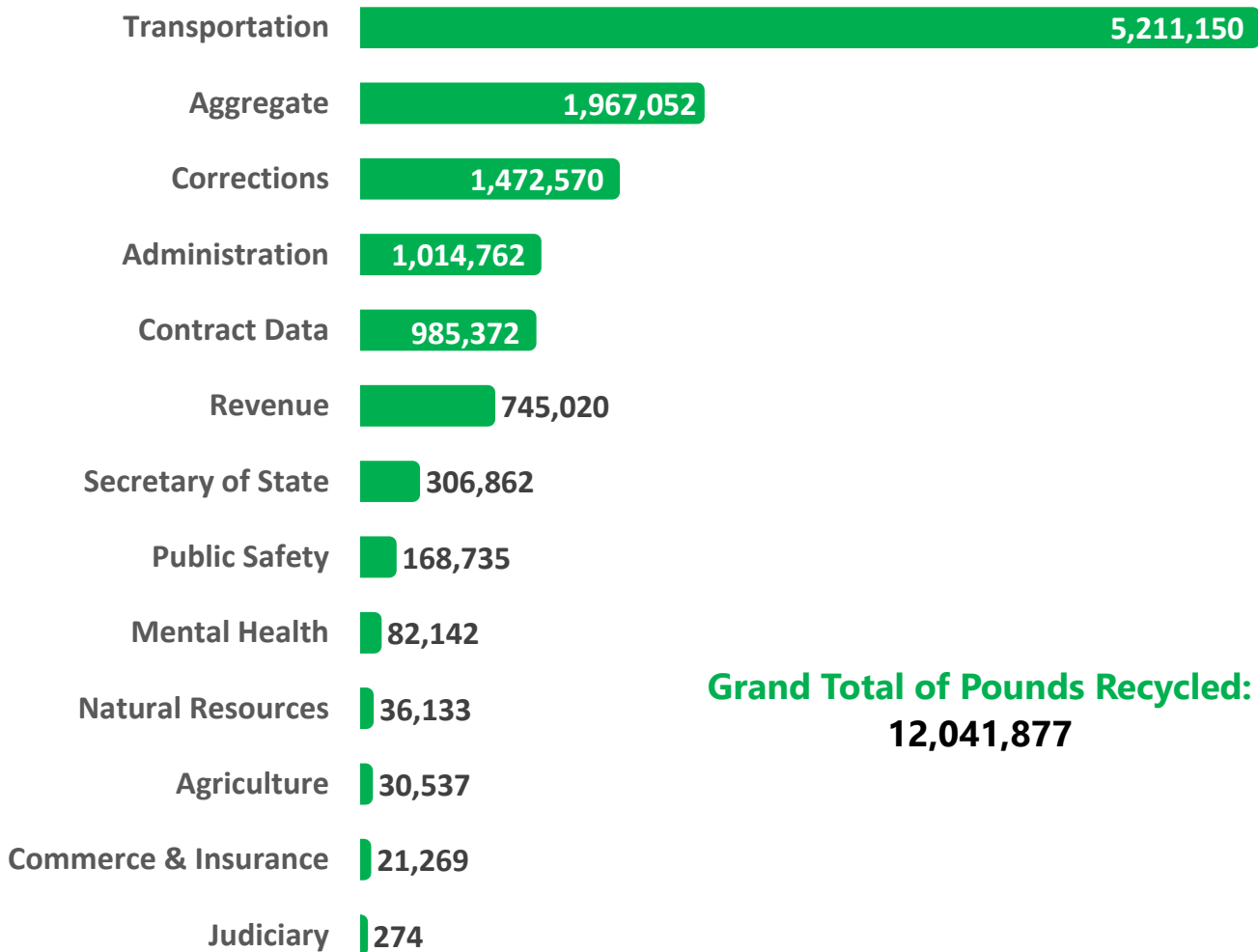
# TOTAL POUNDS RECYCLED BY AGENCY



## View Recycling Data in Tableau

The data appearing in the chart below may also be viewed in Tableau. Tableau provides a way to interact with the recycling data — including “gallons” and “number of items” recycled data. For example, more detailed information about different types of materials recycled by each agency can be viewed.

[Click here](#) to have an interactive experience with the data.



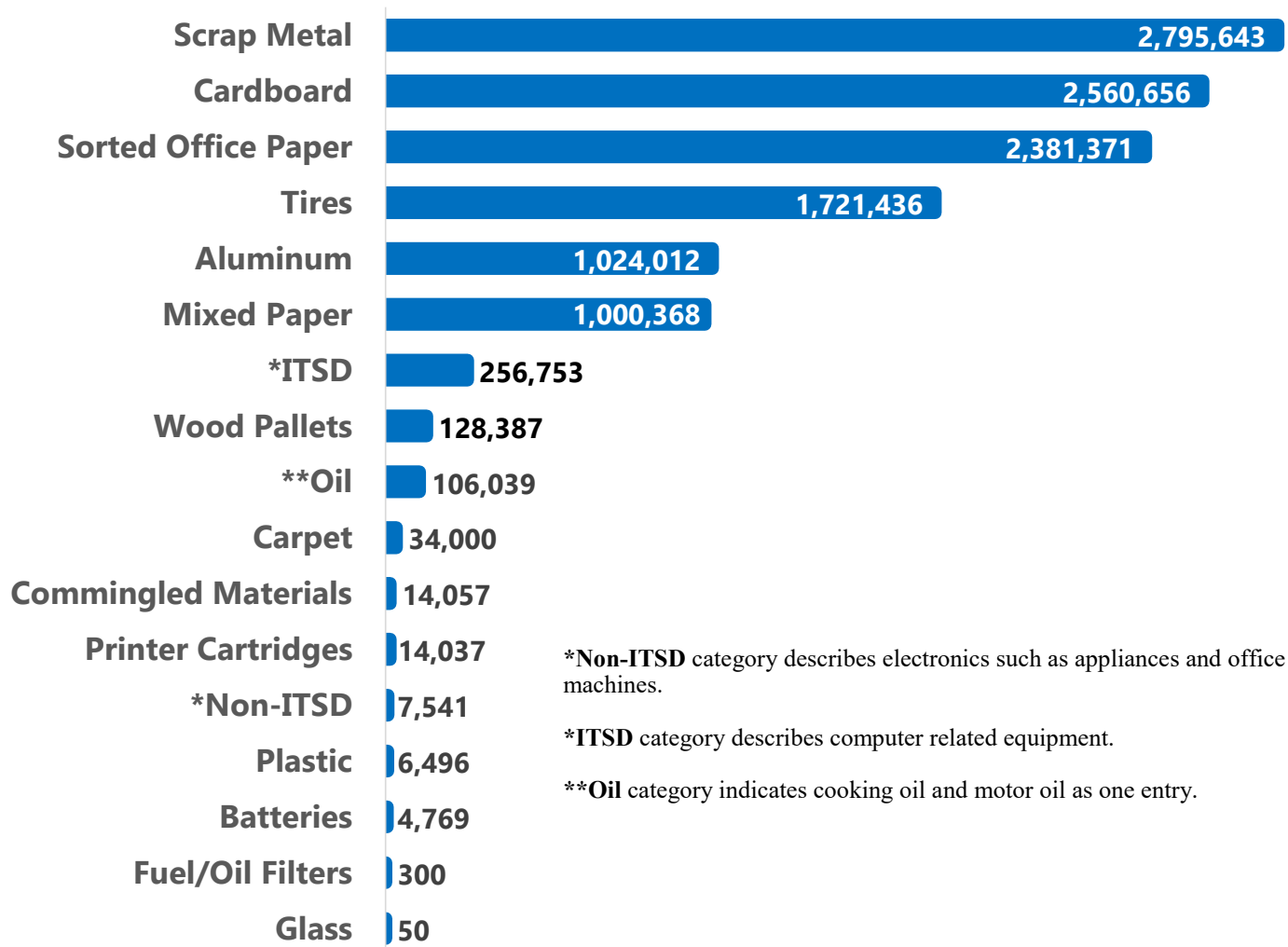
Agencies that utilized a recycling contract, but do not appear in this table, include: **Higher Education & Workforce Development, Health and Senior Services, Economic Development, Elementary and Secondary Education, Conservation, Labor & Industrial Relations, Environmental Improvement Energy Resources Authority, Lottery, Tax Commission, MCHCP, MOSERS, Governor’s Office, Lt. Governor’s Office, Auditor, and Treasurer.** Amounts of materials recycled by these agencies are included in the total for “Contract Data”.

# TOTAL POUNDS RECYCLED BY MATERIAL



## View Recycling Data in Tableau

The data appearing in the chart below may also be viewed in Tableau. Tableau provides a way to interact with the recycling data — including “gallons” and “number of items” recycled data. [Click here](#) to have an interactive experience with the data.



\*Non-ITSD category describes electronics such as appliances and office machines.

\*ITSD category describes computer related equipment.

\*\*Oil category indicates cooking oil and motor oil as one entry.



Missouri State  
Recycling Program

Office of Administration | General Services | 573-751-3384





# RECYCLING RESOURCES

## Missouri State Recycling Program

### Office of Administration | Division of General Services

Internet: <http://oa.mo.gov/general-services/missouri-state-recycling-program>

Email: [recycling@oa.mo.gov](mailto:recycling@oa.mo.gov)

Phone: 573-751-3384

The Missouri State Recycling Program partners with state employees and agencies to facilitate fiscally and environmentally responsible strategies for reuse and recycling of state property.

## State Recycling Contracts

**Local Contracts:** <https://genserv.oa.mo.gov/state-recycling-program/recycling-services-contracts>

**Statewide Contracts:** <https://genserv.oa.mo.gov/state-recycling-program/statewide-recycling-services>

## MO-REuse

### Office of Administration | Division of General Services | State Surplus Property

Internet: <https://genserv.oa.mo.gov/state-recycling-program/moreuse>

MO-REuse is a web-based application that facilitates the reuse and recycling of state property. Any state team member is eligible to use this system. The system is made of “givers” those who have property they no longer need and “takers” those who have a need for a desk, a chair, paper clips or numerous other possibilities. There are training videos on the MO-REuse website.

## Missouri Recycling Association

Internet: [www.mora.org](http://www.mora.org)

Phone: (573) 491-4255

The Missouri Recycling Association (MORA) is a statewide organization advocating for recycling in the state. MORA connects people from public and private organizations, offers industry insights, and strives to influence policy to support Missouri’s economy and businesses by extracting the highest and best use of materials at end of life.

## Missouri Vocational Enterprises (MVE)

### Missouri Department of Corrections

Internet: <http://www.doc.mo.gov/mve>

Phone: 800-392-8486 or 573-751-6663

The Department of Corrections vocational training program offers the following products and services that meet “buy recycled” criteria. MVE products and services are only available to state agencies and other tax-supported entities.

## MVE Recycled Products & Services

- Cardboard boxes: 65 percent post-consumer content
- Metal products: 25 percent post-consumer content
- Toilet paper: 100 percent recycled material
- Envelopes: 20 percent post-consumer content
- Recycled Plastic
  - \* Picnic Tables
  - \* Park benches

## MVE Recycling/Remanufacturing/ Refurbishing Services

Toner Cartridge Refill Service

**573-751-3224 ext. 1260**

Furniture & Office Panel (cubicle)

Refurbishing

**573-751-6663 or 800-392-8486**



# RECYCLING RESOURCES

Questions or comments regarding this report may be directed to the State Recycling Manager.

Stephanie Woodruff | 573.751.3384 | [Stephanie.Woodruff@oa.mo.gov](mailto:Stephanie.Woodruff@oa.mo.gov)

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**[genserv.oa.mo.gov/missouri-state-recycling-program](https://genserv.oa.mo.gov/missouri-state-recycling-program)**